

Comments on Levee Stabilization and Emergency Response

96-111 Subsidence management should be included in more alternatives. (F&G)

System vulnerability - what kinds of studies do you have regarding seismic studies? P

Alameda County Water District: Vulnerability critical-- Vulnerability requirements and protection of the conveyance of the water supply. P

Vulnerability/seismic studies done?

A- Peat soils subject to liquefaction. No damage in Loma Prieta. But still vulnerable. Western Delta levees first; Critical infrastructure second; Ag lands third. P

Two years ago was told there would never be enough money to restore levees. Wouldn't using an island as storage provide more protection to the whole system. What if you spend money on a levee and its destroyed in an earthquake? Investment would be lost. A: Will consider in scoping. Chain of lakes requires major levee work. SD

A contingency plan to repair levees quickly might be more feasible. SD

The Upper Sac River has unpredictable landscape. Changes annually. How would you dike it? SAC

Delta Protection Agency: Support increased emergency response and protection of levees. SAC

Could island storage be sustained (below sea level)? SAC

Levees are expensive. Consider converting farmland to fisheries habitat. (Also found to be more productive.) Trying to justify ag land there seems very strange to me. Should be opportunity to convert back to original use. RB

Set back the levees and use less riprap. O

In terms of system reliability, cost and danger of EQ could get it priced out of Delta option. O

BJ Miller: Soils in levees are liquefiable. Levee maintenance is not the same as improvement. O

Would set back or reconstruction of levees require peat soil studies? A: Yes. All levee work requires major studies. BCH

Is seismic activity severe in that area? A: No but there's potential for liquefaction. Loma Prieta caused little damage in Delta. BCH

Why isn't Corp participating in regional flood control? WG

98% of all levees owned by reclamation districts. Why haven't they been invited to participate? WG

Provide information about levee ideas to people who are not participating. WG

Need regional flood control. Seem to be addressing flood control only with levee stabilization. Consider improved channel capacity. If you had isolated facilities around the Delta, you would not address the need for regional flood control. WG

SB 900 only has token amount for levee improvement. About 257 are below HMP. HMP not a standard. Was a milestone to help us survive the crisis in the Delta, get some comfort by getting flood insurance from FEMA. Idea of bringing islands up to HMP is well below what is required for any sense of stability. WG

Emphasis on levees is throwing farmers a bone so they are bought off. WG

Dredging and restoring levees would by definition create far more levee stability. WG

Revisit your cost estimates to bring levees up to moderate level (HMP or PL99). If we go out with wildly exaggerated number, would be kiss of death politically. See if your numbers are too high. Could be done for much less. WG

If waterside berms are to be created, dredge boils from river channel adjacent to the proposed berms should be used so as not to reduce channel capacity, adding to water seepage and flood problems by raising water surface elevations. WG

Contra Costa Water District: Don't enlarge channels by deepening them which could destabilize levees. Set levees back, giving opportunity to re-engineer levees and make much stronger. Should occur in the north due to flood problems. WG

Should allow us to blend at the land/water interface on levees so we wouldn't be faced with the choice of strip and rock. Now don't even want to use basic repair equipment. Simply barge in truckloads of rock, roll them off and be done with it. Promoting further deterioration of waterside habitat. WG

Environmentalists tell us the major problem is erosion and that we're doing a terrible job of fixing levees. They're never happy with anything we do, and they want everything back like

the Indians had it. WG

Govt agency prevents us from fixing ghe levees as we go along. Must change laws and attitudes.
WG

Need regional flood control, not just levee stability. Need channel capacity improvements for flood control. WG

With an isolated facility, who will want ot fund levee improvements and emergency response?
With a thru-Dleta, then everyone north and south would want to fund levees and emergency response. WG

Will Congress or State come up with \$1.5 billion for levee improvements? WG

EIR should look at levee practices and permit streamlining for more multipurpose levee work.
WG

There is a high level of levee impact from recreational use. WG